

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	jp-11005659-\$.did. jp-08297382-\$.did. jp-08334936-\$.did. jp-2002278174-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:04
S2	5788	399/16,17,21,361,363,365,367-380.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:09
S3	62	(auto automatic) with (document adj (feeding transporting)) same jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:13
S5	17	S2 and S3 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:14
S4	27049323	@ad<="20030724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:14
S7	81	S2 and S6 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:17
S6	427	(auto automatic) with (document adj (feeding transporting)) and jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:17
S8	64	S7 not S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:18
S9	262	document adj (feeding transporting) same jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:28

S10	31	S2 and S9 and S4 not S5 not S8	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 14:29
S11	93653	g03g015/00.epc. g03g015/00.lpc.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:36
S14	105	S11 and S13 and S12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:37
S13	427	(auto automatic) with (document adj (feeding transporting)) and jam	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:37
S12	27049323	@ad<="20030724"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:37
S22	61	S14 not (S17 S19 S21)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S21	31	S15 and S20 and S12 not S17 not S19	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S20	262	document adj (feeding transporting) same jam	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S19	64	S18 not S17	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S18	81	S15 and S13 and S12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38

S17	17	S15 and S16 and S12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S16	62	(auto automatic) with (document adj (feeding transporting)) same jam	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S15	5788	399/16,17,21,361,363,365,367-380.cds.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:38
S24	35	S23 and S13 and S12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:53
S23	48033	g03g021/00.epc. g03g021/00.lpc.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 15:53
S26	159	S25 and S12	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 16:03
S25	247	S13 not (S11 S15 S23)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/19 16:03
S27	129	((auto automatic) with (document adj (feeding transporting)) ADF) and jam	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/19 16:31
S28	5915	(auto automatic) with (feed\$3 document adj (feeding transporting)) and jam	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:00
S31	370	S29 and S28 and S30	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:02
S30	27049956	@ad< = "20030724"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:02

S29	5790	399/16,17,21,361,363,365,367-380.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:02
S36	549	S32 and S28 and S33 not S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:22
S35	105	S32 and S34 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:22
S34	427	(auto automatic) with (document adj (feeding transporting)) and jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:22
S33	27049956	@ad<="20030724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:22
S32	93660	g03g015/00.epc. g03g015/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:22
S39	167	S37 and S28 and S33 not (S35 S38)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:43
S38	35	S37 and S34 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:43
S37	48036	g03g021/00.epc. g03g021/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:43
S41	627	S40 and S28 and S30 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:48

S40	99050	*399*.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 10:48
S43	70	S42 and S28 and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:05
S42	1238	358/498.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:05
S44	29	S42 and S28 not S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:13
S45	10780	(auto automatic document) with (read\$3 feed \$3) and jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:17
S46	124	S29 and S45 and S30 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:18
S47	346	S32 and S45 and S33 not (S35 S36 S46)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:24
S48	271	S37 and S45 and S33 not (S35 S36 S46 S47)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:37
S49	64	S42 and S45 not (S35 S36 S43 S46 S47 S48)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:44
S50	59704	*358*.clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:51

S63	704	S50 and S60 and S56 not (S58 S59 S61 S62)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S62	346	S55 and S60 and S56 not (S58 S59 S61)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S61	124	S62 and S60 and S53 not S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S60	10780	(auto automatic document) with (read\$3 feed \$3) and jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S59	549	S55 and S51 and S56 not S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S58	105	S55 and S57 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S57	427	(auto automatic) with (document adj (feeding transporting)) and jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S56	27049956	@ad< = "20030724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S55	93660	g03g015/00.epc. g03g015/00.jp.c.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S54	370	S52 and S51 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52

S53	27049956	@ad<="20030724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S52	5790	399/16,17,21,361,363,365,367-380.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S51	5915	(auto automatic) with (feed\$3 document adj (feeding transporting)) and jam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 11:52
S64	460	(auto automatic document) with (read\$3 feed \$3) and jam	JPO	OR	ON	2008/05/20 12:09
S65	417	S64 and S53	JPO	OR	ON	2008/05/20 12:10
S67	358	S65 not S66	JPO	OR	ON	2008/05/20 12:11
S66	129	((auto automatic) with (document adj (feeding transporting)) ADF) and jam	FPRS; EPO; JPO; DERWENT	OR	ON	2008/05/20 12:11
S68	184	hirota-kazuhiro.in.	JPO	OR	ON	2008/05/20 12:36
S69	237	hirota-kazuhiro.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:41
S70	338	Maejima-hiroshi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:49
S71	34	yoshioka-kazunori.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 12:51
S72	0	("2003/0160386").URPN.	USPAT	OR	ON	2008/05/20 12:59
S73	22	("4579326"   "4621801"   "4744553"   "4884097"   "4884794"   "5018716"   "5119145"   "5132742"   "5203554"   "5430536"   "5552859"   "5596399"   "5671917"   "5754934"   "5819152"   "5887865"   "5890708"   "6021305"   "6321064"   "6393251").PN. OR ("6796559"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 13:00

S74	22	("4579326"   "4621801"   "4744553"   "4884097"   "4884794"   "5018716"   "5119145"   "5132742"   "5203554"   "5430536"   "5552859"   "5596399"   "5671917"   "5754934"   "5819152"   "5887865"   "5890708"   "6021305"   "6321064"   "6393251").PN. OR ("6585258"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 13:03
S75	23	("4579326"   "4621801"   "4884097"   "4884794"   "5018716"   "5119145"   "5132742"   "5203554"   "5430536"   "5552859"   "5596399"   "5671917"   "5754934"   "5890708"   "6021305").PN. OR ("6145834").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/20 13:04
S76	37890	271/8.1-171.cds.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 13:25
S79	1153	S76 and S78 and S77	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 13:26
S78	10780	(auto automatic document) with (read\$3 feed \$3) and jam	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 13:26
S77	27049956	@ad<="20030724"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 13:26
S80	19121	b65h029/\$.epc. b65h029/\$.ipc.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:55
S83	197	S80 and S82 and S81	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:56
S82	10780	(auto automatic document) with (read\$3 feed \$3) and jam	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:56
S81	27049956	@ad<="20030724"	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 14:56



S84	24636	b65h005/\$.epc. b65h005/\$.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:07
S85	367	S84 and S82 and S81 not S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:08
S86	57	kitaoka-shinya.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:29
S87	2	jp-2002278174-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 15:51
S88	4	jp-10153889-\$.did. jp-05188491-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/20 16:31
S89	118937	(friction static) with (spring bias\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:06
S92	51	S89 and S91 and S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:07
S91	27049956	@ad<="20030724"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:07
S90	5790	399/16,17,21,361,363,365,367-380.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:07
S94	314	S89 and S91 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:36

S93	93660	g03g015/00.epc g03g015/00.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:36
S95	96657	friction with spring	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:38
S96	225	S95 and S91 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:39
S97	99050	"399".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:50
S99	7	S98 and S91 and S97	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:53
S98	15000	((friction with spring) same (open\$3 and clos\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:53
S100	2	S98 and S91 and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:58
S101	55443	"271".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 09:59
S102	22	S98 and S91 and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 10:00
S103	2338	((friction with spring) with (open\$3 and clos\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 10:06

S104	752	S103 and S91	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 10:07
S105	5	rude-edward.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/21 10:37
S106	0	("2002/0073508").URPN.	USPAT	OR	ON	2008/05/21 10:39
S107	2	("20020073508").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/21 10:50
S108	2	("6470532").PN.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/05/21 10:59

5/ 21/ 2008 12:58:18 PM

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